

Docket No. F-8019

Ser. No. 10/699,136

AMENDMENTS TO THE CLAIMS:

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. (Currently Amended) A method of internally cleaning the inside of a coil pipe pipe(s) of a heat exchanger, said heat exchanger including an outlet and an inlet providing fluid communication with said coil pipe, said method comprising:

connecting a first end of a suction hose to said inlet;

connecting a second end of said suction hose to which is carried out by a system comprising a suction pump and [[,]] a waste-and-wash water collecting tank; a suction hose for connection between the waste-and-wash water collecting tank and a heat transfer medium inlet or outlet of the heat exchanger coil pipe(s) and

connecting one end of an ice-feeding hose to said outlet and a second end of said ice-feeding hose to provided at one end with a hopper; and connectable at the other end to the heat transfer medium outlet or inlet of the coil pipe(s); wherein in the state of the suction hose being connected to the heat transfer medium inlet or outlet of the coil pipe(s) and the suction hose being connected to the heat transfer medium outlet or inlet of the coil pipe(s);

supplying ice and water into said are supplied from the hopper; and

engaging said suction pump so that the ice and water are suctioned drawn into the said coil pipe outlet, pipe(s) by suction from the suction pump pass

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~~internally to pass through said the inside of the coil pipe in a reverse direction of flow towards said inlet, exit said inlet, pipe(s) and collect in said~~ collected into the waste-and-wash water collecting tank.

2. (Cancelled)

3. (Currently Amended) A method of cleaning the inside of a coil pipe(s) of a heat exchanger as described in claim any of claims 1 and 2, wherein the ice feeding hose has a transparent portion through which a flow of waste-and-wash water can be visually observed.

4. (Currently Amended) A method of cleaning the inside of a coil pipe of a heat exchanger as described in claim any of claims 1 and 2, wherein ice and water are mixed in ratio of 1 (ice) to 4-6 (water).

5. (Currently Amended) A method of cleaning the inside of a coil pipe of a heat exchanger as described in claim any of claims 1 and 2, wherein ice is prepared in the form of a cube whose side length corresponds to about 1/3-2/3 of an inside diameter of a heat exchanger coil pipe to be internally cleaned.